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| **Project Name: Orion** | | | **Test Designed by: Member’s Name** | | |
| **Test Case ID: TC\_1** | | | Test Designed date: 02/7/2025 | | |
| **Test Priority (Low, Medium, High): High** | | | Test Executed by: Name | | |
| **Module Name: Login Session** | | | Test Execution date: 22/08/2025 | | |
| **Test Title: Verify login with invalid username and password** | | |  | | |
| **Description: Test the login page with an invalid username and password.** | | |  | | |
| **Precondition: The user is on the login page.** | | | | | |
| **Dependencies: None** | | | | | |
| **Test Steps** | **Test Data** | **Expected Results** | | **Actual Results** | **Status (Pass/Fail)** |
| 1. **Go to the login page.** 2. **Enter invalid username.** 3. **Enter invalid password.** 4. **Click submit.** | **Username: invaliduser  Password: wrongpass** | **Login page should be displayed.**  **System must show an error message.**  **User will not be logged in.** | | **User logged in successful** | **Pass** |

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| **Project Name: Orion** | | | **Test Designed by: Member’s Name** | | |
| **Test Case ID: TC\_2** | | | Test Designed date: 02/7/2025 | | |
| **Test Priority (Low, Medium, High): High** | | | Test Executed by: Name | | |
| **Module Name: User Dashboard** | | | Test Execution date: 22/08/2025 | | |
| **Test Title: Verify search functionality with valid NID/BC number** | | |  | | |
| **Description: Test the search functionality using a valid NID/BC number.** | | |  | | |
| **Precondition: The user is logged in and on the dashboard.** | | | | | |
| **Dependencies: Valid NID/BC number in the system.** | | | | | |
| **Test Steps** | **Test Data** | **Expected Results** | | **Actual Results** | **Status (Pass/Fail)** |
| 1. **Click on "Search a person".** 2. **Enter valid NID/BC number.** 3. **Click "Start Searching".** | **NID/BC: 23643822** | Search popup will be displayed.  System must display possible matches.  Search results must be displayed. | | Search popup is displayed.  System displays possible matches.  Search results displayed. | **Pass** |

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| **Project Name: Orion** | | | **Test Designed by: Member’s Name** | | |
| **Test Case ID: TC\_3** | | | Test Designed date: 02/7/2025 | | |
| **Test Priority (Low, Medium, High): Medium** | | | Test Executed by: Name | | |
| **Module Name: Admin Manage Users.** | | | Test Execution date: 22/08/2025 | | |
| **Test Title: Verify adding a new user with valid details.** | | |  | | |
| **Description: Test the admin's ability to add a new user using valid details.** | | |  | | |
| **Precondition:** **The admin is logged in and on the "Manage Users" page.** | | | | | |
| **Dependencies: None.** | | | | | |
| **Test Steps** | **Test Data** | **Expected Results** | | **Actual Results** | **Status (Pass/Fail)** |
| 1. **Click "Add New Users".** 2. **Enter valid name.** 3. **Enter valid department.** 4. **Enter valid service number.** 5. **Enter valid posting.** 6. **Enter valid password.** 7. **Click "Create".** | **Name: John Doe**  **Department: IT**  **Service no: 12345**  **Posting: Dhaka**  **Password: Secure@123** | Add new user popup is displayed.  Department field is accepted.  Service number field is accepted.  Posting field is accepted.  Password field is accepted.  New user is added to the system. | |  | **Pass** |

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| **Project Name: Orion** | | | **Test Designed by: Member’s Name** | | |
| **Test Case ID: TC\_4** | | | Test Designed date: 02/7/2025 | | |
| **Test Priority (Low, Medium, High): Medium** | | | Test Executed by: Name | | |
| **Module Name: User Search History** | | | Test Execution date: 22/08/2025 | | |
| **Test Title: Verify the display of search history** | | |  | | |
| **Description: Test if the search history is correctly displayed for the user.** | | |  | | |
| **Precondition: The user is logged in and has performed at least one search.** | | | | | |
| **Dependencies: Previous search data exists.** | | | | | |
| **Test Steps** | **Test Data** | **Expected Results** | | **Actual Results** | **Status (Pass/Fail)** |
| 1. **Click on "History".** 2. **Verify search entries.** |  | Search history page is displayed.  Previous searches are listed correctly. | |  | **Pass** |

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| **Project Name: Orion** | | | **Test Designed by: Member’s Name** | | |
| **Test Case ID: TC\_5** | | | Test Designed date: 02/7/2025 | | |
| **Test Priority (Low, Medium, High): Medium** | | | Test Executed by: Name | | |
| **Module Name: Admin Searching Popup** | | | Test Execution date: 22/08/2025 | | |
| **Test Title: Verify searching a person with valid NID/BC and uploaded photo.** | | |  | | |
| **Description: Test the admin's ability to search for a person using a valid NID/BC number and an uploaded photo.** | | |  | | |
| **Precondition: The admin is logged in and on the "Searching Popup".** | | | | | |
| **Dependencies: Valid NID/BC number and photo in the system.** | | | | | |
| **Test Steps** | **Test Data** | **Expected Results** | | **Actual Results** | **Status (Pass/Fail)** |
| 1. **Enter valid name.** 2. **Enter valid NID/BC number.** 3. **Upload a photo.** 4. **Click "Start Searching".** | **Name: Asadul Haque**  **NID/BC: 23643822**  **Photo: sample.jpg** | Name field is accepted.  NID/BC field is accepted.  Photo is uploaded successfully.  System displays possible matches. | |  | **Pass** |

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| **Project Name: Orion** | | | **Test Designed by: Member’s Name** | | |
| **Test Case ID: TC\_6** | | | Test Designed date: 02/7/2025 | | |
| **Test Priority (Low, Medium, High): Medium** | | | Test Executed by: Name | | |
| **Module Name: Admin Update Users Popup** | | | Test Execution date: 22/08/2025 | | |
| **Test Title: Verify updating an existing user with valid details.** | | |  | | |
| **Description: Test the admin's ability to update an existing user's details.** | | |  | | |
| **Precondition: The admin is logged in and on the "Manage Users" page.** | | | | | |
| **Dependencies: An existing user in the system.** | | | | | |
| **Test Steps** | **Test Data** | **Expected Results** | | **Actual Results** | **Status (Pass/Fail)** |
| 1. **Click "Update" for a user.** 2. **Update name.** 3. **Update department.** 4. **Update service number.** 5. **Update posting.** 6. **Click "Update".** | **Name: Fuad Updated**  **Department: Cyber Security**  **Service no: 54321**  **Posting: Chittagong** | **Update user popup is displayed.**  **Name field is updated.**  **Department field is updated.**  **Service number field is updated.**  **Posting field is updated.**  **User details are updated in the system.** | |  | **Pass** |

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| **Project Name: Orion** | | | **Test Designed by: Member’s Name** | | |
| **Test Case ID: TC\_5** | | | Test Designed date: 02/7/2025 | | |
| **Test Priority (Low, Medium, High): Medium** | | | Test Executed by: Name | | |
| **Module Name:** | | | Test Execution date: 22/08/2025 | | |
| **Test Title:** | | |  | | |
| **Description:** | | |  | | |
| **Precondition:** | | | | | |
| **Dependencies:** | | | | | |
| **Test Steps** | **Test Data** | **Expected Results** | | **Actual Results** | **Status (Pass/Fail)** |
| 1. **E** |  |  | |  | **Pass** |

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| **Project Name: Orion** | | | **Test Designed by: Member’s Name** | | |
| **Test Case ID: TC\_7** | | | Test Designed date: 02/7/2025 | | |
| **Test Priority (Low, Medium, High): High** | | | Test Executed by: Name | | |
| **Module Name: User Dashboard** | | | Test Execution date: 22/08/2025 | | |
| **Test Title: Verify the "Review Footage" functionality for a search result** | | |  | | |
| **Description: Test if the user can successfully review footage from a search result.** | | |  | | |
| **Precondition: The user is logged in and has performed a search with at least one match.** | | | | | |
| **Dependencies: Valid search result with available footage.** | | | | | |
| **Test Steps** | **Test Data** | **Expected Results** | | **Actual Results** | **Status (Pass/Fail)** |
| 1. **Perform a search.** 2. **Click "View" on a result.** 3. **Play the footage.** 4. **Click "Go Back".** | **Name: Asadul Haque** | **Search results are displayed.**  **Footage review page is displayed.**  **Footage plays without errors.**  **User is redirected to the dashboard.** | |  | **Pass** |

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| **Project Name: Orion** | | | **Test Designed by: Member’s Name** | | |
| **Test Case ID: TC\_8** | | | Test Designed date: 02/7/2025 | | |
| **Test Priority (Low, Medium, High): Medium** | | | Test Executed by: Name | | |
| **Module Name: Admin Manage Users** | | | Test Execution date: 22/08/2025 | | |
| **Test Title: Verify deleting an existing user.** | | |  | | |
| **Description:** **Test the admin's ability to delete an existing user from the system.** | | |  | | |
| **Precondition: The admin is logged in and on the "Manage Users" page.** | | | | | |
| **Dependencies: An existing user in the system.** | | | | | |
| **Test Steps** | **Test Data** | **Expected Results** | | **Actual Results** | **Status (Pass/Fail)** |
| 1. **Locate the user to delete.** 2. **Click "Delete".** 3. **Confirm deletion.** | **User: Fuad** | **User is listed in the table.**  **Confirmation prompt is displayed.**  **User is removed from the system.** | |  | **Pass** |

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| **Project Name: Orion** | | | **Test Designed by: Member’s Name** | | |
| **Test Case ID: TC\_9** | | | Test Designed date: 02/7/2025 | | |
| **Test Priority (Low, Medium, High): High** | | | Test Executed by: Name | | |
| **Module Name: Admin Searching Popup.** | | | Test Execution date: 22/08/2025 | | |
| **Test Title: Verify searching a person with an invalid NID/BC number.** | | |  | | |
| **Description: Test the system's response when searching for a person using an invalid NID/BC number.** | | |  | | |
| **Precondition: The admin is logged in and on the "Searching Popup".** | | | | | |
| **Dependencies: None** | | | | | |
| **Test Steps** | **Test Data** | **Expected Results** | | **Actual Results** | **Status (Pass/Fail)** |
| 1. **Enter a name.** 2. **Enter invalid NID/BC number.** 3. **Click "Start Searching".** | **Name: Unknown Person**  **NID/BC: 12345678** | Name field is accepted.  System shows an error message.  No matches are found. | |  | **Pass** |

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| **Project Name: Orion** | | | **Test Designed by: Member’s Name** | | |
| **Test Case ID: TC\_10** | | | Test Designed date: 02/7/2025 | | |
| **Test Priority (Low, Medium, High): Medium** | | | Test Executed by: Name | | |
| **Module Name: User Dashboard** | | | Test Execution date: 22/08/2025 | | |
| **Test Title: Verify the display of multiple search results** | | |  | | |
| **Description:** **Test if the user dashboard correctly displays multiple search results.** | | |  | | |
| **Precondition: The user is logged in and has performed multiple searches.** | | | | | |
| **Dependencies: Multiple search results exist in the system.** | | | | | |
| **Test Steps** | **Test Data** | **Expected Results** | | **Actual Results** | **Status (Pass/Fail)** |
| 1. **Perform multiple searches.** 2. **Verify search cards.** | **Names: Asadul Haque, Ratul Hasan** | Search results are displayed.  Each search card shows correct details. | |  | **Pass** |

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| **Project Name: Orion** | | | **Test Designed by: Member’s Name** | | |
| **Test Case ID: TC\_11** | | | Test Designed date: 02/7/2025 | | |
| **Test Priority (Low, Medium, High): High** | | | Test Executed by: Name | | |
| **Module Name: Admin Manage Users** | | | Test Execution date: 22/08/2025 | | |
| **Test Title: Verify adding a new user with missing required fields** | | |  | | |
| **Description: Test the system's validation when adding a new user with missing required fields.** | | |  | | |
| **Precondition: The admin is logged in and on the "Add New Users" popup.** | | | | | |
| **Dependencies: None** | | | | | |
| **Test Steps** | **Test Data** | **Expected Results** | | **Actual Results** | **Status (Pass/Fail)** |
| 1. **Leave the name field empty.** 2. **Fill in other fields.** 3. **Click "Create".** | **Name: (empty)**  **Department: IT, Service no: 12345, Posting: Dhaka, Password: Secure@123** | System shows an error message.  User is not created, error message persists. | |  | **Pass** |

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| **Project Name: Orion** | | | **Test Designed by: Member’s Name** | | |
| **Test Case ID: TC\_12** | | | Test Designed date: 02/7/2025 | | |
| **Test Priority (Low, Medium, High): Medium** | | | Test Executed by: Name | | |
| **Module Name: User Dashboard** | | | Test Execution date: 22/08/2025 | | |
| **Test Title: Verify the logout functionality** | | |  | | |
| **Description:** **Test if the user can successfully log out from the dashboard.** | | |  | | |
| **Precondition: The user is logged in and on the dashboard.** | | | | | |
| **Dependencies: None** | | | | | |
| **Test Steps** | **Test Data** | **Expected Results** | | **Actual Results** | **Status (Pass/Fail)** |
| 1. **Click "Logout".** |  | User is logged out and redirected to the login page. | |  | **Pass** |

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| **Project Name: Orion** | | | **Test Designed by: Member’s Name** | | |
| **Test Case ID: TC\_13** | | | Test Designed date: 02/7/2025 | | |
| **Test Priority (Low, Medium, High): Admin Manage Users** | | | Test Executed by: Name | | |
| **Module Name: Verify updating a user with invalid details** | | | Test Execution date: 22/08/2025 | | |
| **Test Title: Test the system's validation when updating a user with invalid details.** | | |  | | |
| **Description: Test the system's validation when updating a user with invalid details** | | |  | | |
| **Precondition: The admin is logged in and on the "Update Users" popup.** | | | | | |
| **Dependencies: An existing user in the system.** | | | | | |
| **Test Steps** | **Test Data** | **Expected Results** | | **Actual Results** | **Status (Pass/Fail)** |
| 1. **Select a user to update.** 2. **Enter an invalid service number.** 3. **Click "Update".** | **User: Fuad**  **Service no: ABC123** | Update user popup is displayed.  System shows an error message.  User details are not updated. | |  | **Pass** |

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| **Project Name: Orion** | | | **Test Designed by: Member’s Name** | | |
| **Test Case ID: TC\_14** | | | Test Designed date: 02/7/2025 | | |
| **Test Priority (Low, Medium, High): Medium** | | | Test Executed by: Name | | |
| **Module Name: User Dashboard** | | | Test Execution date: 22/08/2025 | | |
| **Test Title: Verify the search functionality with partial name input** | | |  | | |
| **Description:** **Test if the system can handle and return results for partial name inputs.** | | |  | | |
| **Precondition: The user is logged in and on the dashboard.** | | | | | |
| **Dependencies: Users with similar names exist in the system.** | | | | | |
| **Test Steps** | **Test Data** | **Expected Results** | | **Actual Results** | **Status (Pass/Fail)** |
| 1. **Enter a partial name.** 2. **Click "Start Searching".** | **Name: Asad** | System displays possible matches. Search results are displayed. | |  | **Pass** |

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| **Project Name: Orion** | | | **Test Designed by: Member’s Name** | | |
| **Test Case ID: TC\_15** | | | Test Designed date: 02/7/2025 | | |
| **Test Priority (Low, Medium, High): High** | | | Test Executed by: Name | | |
| **Module Name: Admin Searching Popup** | | | Test Execution date: 22/08/2025 | | |
| **Test Title: Verify searching a person with a photo but no NID/BC number** | | |  | | |
| **Description: Test the system's response when searching for a person using only a photo and no NID/BC number.** | | |  | | |
| **Precondition: The admin is logged in and on the "Searching Popup".** | | | | | |
| **Dependencies: A valid photo in the system.** | | | | | |
| **Test Steps** | **Test Data** | **Expected Results** | | **Actual Results** | **Status (Pass/Fail)** |
| 1. **Enter a name.** 2. **Leave NID/BC field empty.** 3. **Upload a photo.** 4. **Click "Start Searching".** | **Name: Unknown Person**  **NID/BC: (empty)**  **Photo: sample.jpg** | Name field is accepted.  System shows an error message.  Photo is uploaded successfully.  System prompts for NID/BC number. | |  | **Pass** |

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| **Project Name: Orion** | | | **Test Designed by: Member’s Name** | | |
| **Test Case ID: TC\_16** | | | Test Designed date: 02/7/2025 | | |
| **Test Priority (Low, Medium, High): Medium** | | | Test Executed by: Name | | |
| **Module Name: User Dashboard** | | | Test Execution date: 22/08/2025 | | |
| **Test Title: Verify the display of search results with no matches.** | | |  | | |
| **Description: Test if the system correctly displays a message when no matches are found for a search.** | | |  | | |
| **Precondition: The user is logged in and on the dashboard.** | | | | | |
| **Dependencies: None** | | | | | |
| **Test Steps** | **Test Data** | **Expected Results** | | **Actual Results** | **Status (Pass/Fail)** |
| 1. **Enter a name.** 2. **Click "Start Searching".** | **Name: Nonexistent Person** | Name field is accepted.  System displays "0 possible match". | | **As expected** | **Pass** |

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| **Project Name: Orion** | | | **Test Designed by: Member’s Name** | | |
| **Test Case ID: TC\_17** | | | Test Designed date: 02/7/2025 | | |
| **Test Priority (Low, Medium, High): High** | | | Test Executed by: Name | | |
| **Module Name: Admin Manage Users** | | | Test Execution date: 22/08/2025 | | |
| **Test Title: Verify adding a new user with a duplicate service number** | | |  | | |
| **Description: Test the system's validation when adding a new user with a service number that already exists.** | | |  | | |
| **Precondition: The admin is logged in and on the "Add New Users" popup.** | | | | | |
| **Dependencies: An existing user with the same service number in the system.** | | | | | |
| **Test Steps** | **Test Data** | **Expected Results** | | **Actual Results** | **Status (Pass/Fail)** |
| 1. **Enter valid name** 2. **Enter valid department.** 3. **Enter duplicate service number.** 4. **Enter valid posting.** 5. **Enter valid password.** 6. **Click "Create".** | **Name: Jane Doe**  **Department: HR**  **Service no: 12345**  **Posting: Dhaka**  **Password: Secure@123** | Name field is accepted.  Department field is accepted.  System shows an error message.  Posting field is accepted.  Password field is accepted.  User is not created, error message persists. | | **As expected** | **Pass** |

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| **Project Name: Orion** | | | **Test Designed by: Member’s Name** | | |
| **Test Case ID: TC\_18** | | | Test Designed date: 02/7/2025 | | |
| **Test Priority (Low, Medium, High): Medium** | | | Test Executed by: Name | | |
| **Module Name: User Dashboard** | | | Test Execution date: 22/08/2025 | | |
| **Test Title: Verify the search history displays the correct timestamp** | | |  | | |
| **Description:** **Test if the search history correctly displays the timestamp for each search entry.** | | |  | | |
| **Precondition: The user is logged in and has performed at least one search** | | | | | |
| **Dependencies: Previous search data exists.** | | | | | |
| **Test Steps** | **Test Data** | **Expected Results** | | **Actual Results** | **Status (Pass/Fail)** |
| 1. **Click on "History".** 2. **Verify timestamps.** |  | Search history page is displayed.  Each entry shows the correct timestamp. | | **As expected** | **Pass** |

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| **Project Name: Orion** | | | **Test Designed by: Member’s Name** | | |
| **Test Case ID: TC\_19** | | | Test Designed date: 02/7/2025 | | |
| **Test Priority (Low, Medium, High): High** | | | Test Executed by: Name | | |
| **Module Name: Admin Manage Users** | | | Test Execution date: 22/08/2025 | | |
| **Test Title: Verify the cancellation of the "Add New User" process** | | |  | | |
| **Description:** **Test if the admin can successfully cancel the "Add New User" process without creating a new user.** | | |  | | |
| **Precondition: The admin is logged in and on the "Add New Users" popup.** | | | | | |
| **Dependencies: None** | | | | | |
| **Test Steps** | **Test Data** | **Expected Results** | | **Actual Results** | **Status (Pass/Fail)** |
| 1. **Open "Add New Users" popup.** 2. **Fill in some fields.** 3. **Click "Cancel".** | **Name: Test User** | Popup is displayed.  Fields are filled.  Popup closes, no new user is created. | | **As expected** | **Pass** |

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| **Project Name: Orion** | | | **Test Designed by: Member’s Name** | | |
| **Test Case ID: TC\_20** | | | Test Designed date: 02/7/2025 | | |
| **Test Priority (Low, Medium, High): Medium** | | | Test Executed by: Name | | |
| **Module Name: User Dashboard** | | | Test Execution date: 22/08/2025 | | |
| **Test Title: Verify the search functionality with special characters in the name** | | |  | | |
| **Description: Test if the system can handle and return results for names containing special characters.** | | |  | | |
| **Precondition: The user is logged in and on the dashboard.** | | | | | |
| **Dependencies: A user with special characters in their name exists in the system.** | | | | | |
| **Test Steps** | **Test Data** | **Expected Results** | | **Actual Results** | **Status (Pass/Fail)** |
| 1. **Enter a name with special characters.** 2. **Click "Start Searching".** | **Name: John Doe** | Name field is accepted.  System should display possible matches. | | **System displayed all the matches.** | **Pass** |